## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--|---------------------|---------|---------------------|
| L1    | 3841 | ((method or process or<br>manufactur\$3 or produc\$3<br>or form\$3 or mak\$3) with<br>((nanoparticle or<br>microparticle or nanocrystal)<br>near3 (In or Zn or \$n or<br>indium or (metal near oxide)<br>or zinc or tin))) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND                 | ON      | 2008/04/16          |
| L2    | 10   | 1 and (THF or<br>tertahydrofuran) and<br>(precursor same<br>(cyclopentadiene or<br>cyclopentadienyl or<br>dicyclopentadienyl or<br>dicyclopentadiene or<br>dicyclopentadienyl)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND                 | ON      | 2008/04/16<br>15:14 |
| L3    | 2    | ("2004115124"). PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/04/16<br>15:32 |
| L4    | 2    | ("20040115124"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/04/16<br>15:32 |
| S1    | 0    | (yang near2 zhizhong).in. or (liu near2 xuening).in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND                 | ON      | 2008/04/10<br>14:07 |
| S2    | 231  | ((method or process or<br>manufactur\$3 or produc\$3<br>or form\$3 or mak\$3) with<br>(nanoparticle or<br>microparticle)) and<br>(organometallic near<br>precursor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND                 | ON      | 2008/04/10<br>14:10 |
| S3    | 1    | \$2 and (ligand or (aliphatic<br>near3 compound)) and<br>((oxidiz\$2 or oxidis\$3) near<br>agent)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND                 | ON      | 2008/04/10<br>14:12 |
| S4    | 2    | ("6562403"). PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2008/04/10<br>14:13 |

| S5  | 7   | ((method or process or<br>manufactur\$3 or produc\$3<br>or form\$3 or mak\$3) with<br>(nanoparticle or<br>microparticle) with (colloidal<br>near3 solution)) and<br>(organometallic near<br>precursor) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | MAND | **************************************   | 2008/04/10<br>14:40 |
|-----|-----|--|--|------|--|---------------------|
| S6  | 564 | (423/592.1).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR   | OFF  | 2008/04/10<br>15:12 |
| S7  | 50  | \$6 and ((method or process<br>or manufactur\$3 or produc<br>\$3 or form\$3 or mak\$3) with<br>(nanoparticle or<br>microparticle))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/10<br>15:12 |
| S8  | 12  | S7 and (organometallic)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/10<br>15:13 |
| S9  | 0   | S8 and ((oxidiz\$2 or oxidis<br>\$3) near agent)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/10<br>15:33 |
| S10 | 0   | S7 and ((oxidiz\$2 or oxidis<br>\$3) near agent)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/10<br>15:33 |
| S11 | 4   | S7 and ((oxidiz\$3 or oxidis<br>\$3) near agent)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/10<br>15:34 |
| S12 | 1   | "bis(bis(dimethylamide))" or "tin dicyclopentadienyl" or [5n("Csub.5H.sub.5")"." sub.2" or "Sn(N("CH.sub.3")". sub.2")". sub.2" or "indum cyclopentadienyl" or In("C.sub5.H.sub5").                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/14<br>13:23 |
| S13 | 37  | (dicyclopentadienyl or dicyclophexyl or [Sn("C. sub.5H.sub.5")".sub.2" or Sn (N("CH.sub.5")".sub.2")". sub.2].sub.2" or In("C.sub5. H.sub5")) with precursor   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | with the same of t | 2008/04/14<br>13:25 |
| S14 | 14  | (dicyclopentadienyl or<br>dicyclophexyl dimethylamide<br>or [Sn("C.sub.5H.sub.5")",<br>sub.2" or Sn(N("CH.sub.3")",<br>sub.2")", sub.2], sub.2" or In<br>("C.sub5.H.sub5")) near3<br>precursor         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | AND  | ON   | 2008/04/14<br>13:26 |

| S15 | 0    | (dicyclopentadienyl or dicyclophexyl dimethylamide or [Sn("Csub.5H.sub.5")". sub.2" or Sn(N("CH.sub.3")". sub.2" or Sn(N("CH.sub.5") near3 precursor near (tin or Indium or Sn or Tin or Zn or zinc)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/14<br>13:28 |
|-----|------|--|--|-----|----|---------------------|
| S16 | 2    | (dicyclopentadienyl or dicyclophexyl dimethylamide or [Sn("C.sub.5H.sub.5")". sub.2" or Sn(N("CH.sub.3")". sub.2")". sub.2" or In ("C.sub.5H.sub.5") with precursor with (tin or Indium or Sn or Tin or Zn or zinc)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | OZ | 2008/04/14<br>13:28 |
| S17 | 4960 | ((zinc or Zn) with dicyclohexyl) or Zn("C sub.6H.sub.11")".sub.2" or "tin bis(bis(dimethylamide))" or [Sn(N("CH.sub.3")". sub.2") or (((tin or Sn) with dicyclopentadienyl) or Sn("C. sub.5H.sub.5")".sub.2" or ((indium or In) with cyclopentadienyl) or In("C. sub.5H.sub.5") or "InC. sub.5H.sub.5".  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/14<br>13:32 |
| S18 | 88   | ((((zinc or Zn) with dicyclohexyl) or Zn("C sub.6H.sub.1")*.sub.2" or "tin bis(bis(dimethylamide))" or [Sn(N("CH.sub.3")". sub.2") sub.2") sub.2") sub.2" or (((tin or Sn) with dicyclopentadienyl) or Sn("C. sub.5H.sub.5")".sub.2" or (((indium or In) with cyclopentadienyl) or In("C. sub.5H.sub.5") or "InC. sub.5H.sub.5") or "InC. sub.5H.sub.5") with precursor? | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/14<br>13:33 |
| S19 | 8    | ((method or process or<br>manufactur\$3 or produc\$3<br>or form\$3 or mak\$3) with<br>(nanoparticle or<br>microparticle)) and S18  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/14<br>13:33 |
| S20 | 8    | ((method or process or<br>manufactur\$3 or produc\$3<br>or form\$3 or mak\$3) with<br>(nanoparticle or<br>microparticle or<br>nanocrystal)) and \$18   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/14          |

4/16/2008 5:25:02 PM

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